

312.23

142c

1968

STATE DOCUMENTS

THIRTEENTH ANNUAL REPORT

1968

INFANT

and

NEONATAL MORTALITY

and

STILLBIRTH RATES

by

PREPARED BY:

MONTANA STATE DEPARTMENT OF HEALTH

DIVISION OF CHILD HEALTH SERVICES

DIVISION OF RECORDS AND STATISTICS

• AND •

MONTANA MEDICAL ASSOCIATION

MATERNAL & CHILD WELFARE COMMITTEE

MONTANA HOSPITALS

HELENA, MONTANA

STATE LIBRARY
100 East Lyndale Avenue
Helena, Montana 59601

Montana State Library



3 0864 1004 3829 3

FOREWARD

TO: Hospital Administrators,
Medical Staffs, and Nurses

This is the 1968 report of infant and fetal mortality rates of Montana hospitals. The figures in this report were taken from birth and death certificates reported to the State Department of Health, Division of Records and Statistics.

In 1968 there were 11,901 births in Montana by place of occurrence. There were 171 neonatal deaths, with a rate of 14.4 per 1,000 live births. There occurred 151 stillbirths with a rate of 12.7 per 1,000 live births. Perinatal deaths numbered 322 with a rate of 27.1 per 1,000 live births.

This report allows each hospital to see where it stands in relation to other Montana Hospitals, and it may indicate a need for evaluation of services to insure improvement in the future.

Division of Child Health Services
of the Montana State Department of Health

and

Maternal and Child Welfare Committee
of the Montana Medical Association

DCHS - MSDH
9/2/69

*2 hospitals (both under 100 beds)
consolidated into 1 (160 beds) as of
4/1/68
**111 Beds as of 2/8/68

Chart #1
GENERAL HOSPITALS
(100 beds or more)

Montana - 1968

Infant and Fetal Mortalities

Total Live Births 1968	Total Live Births 1967	Prematures		Number of Deaths					Rate Per 1,000 Live Births				
		No.	Q/Q	Infant	1-12 months	Neo- natal	Fetal Deaths	Peri- Natal	Infant	1-12 months	Neo- natal	Fetal Deaths	Peri- natal
5,959	5,724	492	8.3	103	13	90	84	174	17.3	2.2	15.1	14.1	29.2
811	736	68	8.4	15	2	13	9	22	18.5	2.5	16.0	11.1	27.1
760	754	57	7.5	7	2	5	17	22	9.2	2.6	6.6	22.4	28.9
757	579	60	7.9	21	3	18	8	26	27.7	4.0	23.8	10.6	34.3
736	733	63	8.6	10	1	9	8	17	13.6	1.4	12.2	10.9	23.1
718	854	65	9.1	12	-	12	15	27	16.7	0.0	16.7	20.9	37.6
505	465	43	8.5	11	-	11	5	16	21.8	0.0	21.8	9.9	31.7
468	554	44	9.4	8	3	5	12	17	17.1	6.4	10.7	25.6	36.3
* 378	410	20	5.3	6	-	6	1	7	15.9	0.0	15.9	2.6	18.5
345	265	31	9.0	5	-	5	1	6	14.5	0.0	14.5	2.9	17.4
** 287	204	19	6.6	4	-	4	2	6	13.9	0.0	13.9	7.0	20.9
194	170	22	11.3	4	2	2	6	8	20.6	10.3	10.3	30.9	41.2

Chart #2
INTERMEDIATE GENERAL HOSPITALS
(40 - 99 beds)

Montana - 1968

Infant and Fetal Mortalities

Total Live Births 1968	Total Live Births 1967	Prematures		Number of Deaths					Rate Per 1,000 live Births				
		No.	o/o	Infant	1-12 months	Neo- natal	Fetal Deaths	Peri- natal	Infant	1-12 months	Neo- natal	Fetal Deaths	Peri- natal
2,389	2,575	153	6.4	36	6	30	30	60	15.1	2.5	12.6	12.6	25.1
472	414	28	5.9	6	1	5	5	10	12.7	2.1	10.6	10.6	21.2
401	496	27	6.7	2	-	2	6	8	5.0	0.0	5.0	15.0	20.0
206	202	9	4.4	-	-	-	2	2	0.0	0.0	0.0	9.7	9.7
202	219	15	7.4	6	1	5	1	6	29.7	5.0	24.8	5.0	29.7
189	218	16	8.5	-	-	-	5	5	0.0	0.0	0.0	26.5	26.5
185	175	6	3.2	2	-	2	3	5	10.8	0.0	10.8	16.2	27.0
159	166	11	6.9	3	-	3	3	6	18.9	0.0	18.9	18.9	37.7
138	167	14	10.1	6	2	4	2	6	43.5	14.5	29.0	14.5	43.5
131	130	16	12.2	6	-	6	1	7	45.8	0.0	45.8	7.6	53.4
103	111	2	1.9	-	-	-	1	1	0.0	0.0	0.0	9.7	9.7
102	142	1	1.0	2	2	-	-	-	19.6	19.6	0.0	0.0	0.0
101	135	8	7.9	3	-	3	1	4	29.7	0.0	29.7	9.9	39.6

*Hospital closed as of July, 1969

Chart #3
SMALL GENERAL HOSPITALS
(10 - 39 beds)

Montana - 1968

Infant and Fetal Mortalities

Total Live Births 1968	Total Live Births 1967	Prematures		Number of Deaths					Rate Per 1,000 Live Births				
		No.	o/o	Infant	1-12 months	Neo- natal	Fetal Deaths	Peri- natal	Infant	1-12 months	Neo- natal	Fetal Deaths	Peri- natal
3,400	3,517	233	6.9	54	8	46	34	80	15.9	2.4	13.5	10.0	23.5
461	455	30	6.5	7	1	6	3	9	15.2	2.2	13.0	6.5	19.5
440	552	27	6.1	8	-	8	-	8	18.2	0.0	18.2	0.0	18.2
279	240	20	7.2	3	1	2	5	7	10.8	3.6	7.2	17.9	25.1
242	230	15	6.2	6	1	5	4	9	24.8	4.1	20.7	16.5	37.2
180	162	11	6.1	3	-	3	1	4	16.7	0.0	16.7	5.6	22.2
164	162	12	7.3	3	2	1	2	3	18.3	12.2	6.1	12.2	18.3
127	88	4	3.1	1	1	-	-	-	7.9	7.9	0.0	0.0	0.0
126	130	10	7.9	1	-	1	1	2	7.9	0.0	7.9	7.9	15.9
103	80	5	4.9	3	1	2	1	3	29.1	9.7	19.4	9.7	29.1
* 103	203	9	8.7	2	-	2	1	3	19.4	0.0	19.4	9.7	29.1

Chart #3
SMALL GENERAL HOSPITALS
(10 - 39 beds)

Montana - 1968

Infant and Fetal Mortalities

Total Live Births 1968	Total Live Births 1967	Prematures	Number of Deaths					Rate Per 1,000 Live Births					
		No.	%	Infant	1-12 months	Neo-natal	Fetal Deaths	Peri-natal	Infant	1-12 months	Neo-natal	Fetal Deaths	Peri-natal
41	35	1	2.4	-	-	-	-	-	0.0	0.0	0.0	0.0	0.0
41	52	7	17.1	-	-	-	1	1	0.0	0.0	0.0	24.4	24.4
40	51	4	10.0	-	-	-	1	1	0.0	0.0	0.0	25.0	25.0
39	26	2	5.1	1	-	1	-	1	25.6	0.0	25.6	0.0	25.6
39	35	6	15.4	-	-	-	-	-	0.0	0.0	0.0	0.0	0.0
35	29	4	11.4	1	-	1	-	1	28.6	0.0	28.6	0.0	28.6
33	18	1	3.0	-	-	-	-	-	0.0	0.0	0.0	0.0	0.0
32	34	3	9.4	-	-	-	-	-	0.0	0.0	0.0	0.0	0.0
28	38	2	7.1	-	-	-	-	-	0.0	0.0	0.0	0.0	0.0
28	24	1	3.6	-	-	-	-	-	0.0	0.0	0.0	0.0	0.0
21	29	2	9.5	-	-	-	2	2	0.0	0.0	0.0	95.2	95.2
20	19	1	5.0	-	-	-	-	-	0.0	0.0	0.0	0.0	0.0
19	26	1	5.3	-	-	-	-	-	0.0	0.0	0.0	0.0	0.0
9	11	2	22.2	1	-	1	-	1	111.1	0.0	111.1	0.0	111.1
7	12	-	0.0	-	-	-	-	-	0.0	0.0	0.0	0.0	0.0

Chart #3
SMALL GENERAL HOSPITALS
(10 - 39 beds)

Montana - 1968

Infant and Fetal Mortalities

Total Live Births 1968	Total Live Births 1967	Prematures		Number of Deaths					Rate Per 1,000 Live Births				
		No.	o/o	Infant	1-12 months	Neo-natal	Fetal Deaths	Peri-natal	Infant	1-12 months	Neo-natal	Fetal Deaths	Peri-natal
86	99	8	9.3	3	-	3	3	6	34.9	0.0	34.9	34.9	69.8
80	85	2	2.5	1	-	1	-	1	12.5	0.0	12.5	0.0	12.5
79	89	9	11.4	1	-	1	3	4	12.7	0.0	12.7	38.0	50.6
59	63	5	8.5	-	-	-	-	-	0.0	0.0	0.0	0.0	0.0
57	59	5	8.8	1	-	1	1	2	17.5	0.0	17.5	17.5	35.1
56	56	4	7.1	-	-	-	-	-	0.0	0.0	0.0	0.0	0.0
51	52	1	2.0	1	-	1	-	1	19.6	0.0	19.6	0.0	19.6
51	53	3	5.9	-	-	-	1	1	0.0	0.0	0.0	19.6	19.6
50	44	1	2.0	1	-	1	1	2	20.0	0.0	20.0	20.0	40.0
48	58	5	10.4	2	-	2	2	4	41.7	0.0	41.7	41.7	83.3
43	57	2	4.7	1	1	-	-	-	23.3	23.3	0.0	0.0	0.0
42	40	4	9.5	1	-	1	-	1	23.8	0.0	23.8	0.0	23.8
41	21	4	9.8	2	-	2	1	3	48.8	0.0	48.8	24.4	73.2

Chart #4
COMMUNITY FACILITY
(Under 10 beds)

Montana - 1968

Infant and Fetal Mortalities

Total Live Births 1968	Total Live Births 1967	Prematures		Number of Deaths					Rate Per 1,000 Live Births				
		No.	o/o	Infant	1-12 months	Neo- natal	Fetal Deaths	Peri- natal	Infant	1-12 months	Neo- natal	Fetal Deaths	Peri- natal
72	72	5	6.9	2	1	1	-	1	27.8	13.9	13.9	0.0	13.9
23	20	3	13.0	1	-	1	-	1	43.5	0.0	43.5	0.0	43.5
19	17	-	0.0	-	-	-	-	-	0.0	0.0	0.0	0.0	0.0
16	29	2	12.5	1	1	-	-	-	62.5	62.5	0.0	0.0	0.0
14	6	-	0.0	-	-	-	-	-	0.0	0.0	0.0	0.0	0.0

